

EPA/DEQ/COP Stormwater Workgroup

Notes from 6/29 Meeting

Attendees: Keith Johnson, Dave Livesay, Rick Applegate, Dawn Sanders, Tom Roick, Karen Tarnow, Kevin Masterson, Kristine Koch, Eric Blischke

The discussion focused largely on stormwater data needs and how these fit in with the revised schedule for the ROD.

At most Portland Harbor cleanup sites, DEQ will not be asking RPs to collect loading data until/unless the in-water studies (e.g., Round 2 Report, Fate and Transport models, etc.) suggest it is necessary. This information should be available early in 2007, allowing us to develop a data collection strategy and implement it in the 2007-2008 water year.

In the meantime, there are a number of things we can be working on. This list needs to be prioritized and sorted out to make sure we apply our resources most effectively.

Industrial Sectors in the Harbor: Using information from the City's Planning Bureau, develop a list of the various industrial sectors in the Portland Harbor area and the number of sites that fall into these sectors. This information might be useful for developing estimates of stormwater loading into the harbor, as well as identifying the number/types of sites that may potentially need to be covered by a stormwater permit.

GRID Model: Dawn will look into getting a model run for a low flow/high rainfall period, such as October.

Fate and Transport Model: Talk with Bruce Hope about data needs for the model and the timing for those needs.

Model Segments: Identify the significant stormwater outfalls in each segment and look to see what readily available data we could use to characterize loading in that segment. This data could be used in the initial model runs, and the output from those model runs can help us decide where more precise information is needed.

TSS and Risk Drivers: Review the literature and evaluate existing Portland Harbor data to determine whether it's possible to use TSS as a surrogate measure for risk drivers. Decide whether additional data is needed, and if so, how/when to get it.

Effectiveness: Think about how we will "tell the story" to RPs about the effectiveness of their source control measures. Is there data we need to be collecting in order to tell this story?

Outfall 19: Look at the long term stormwater data from this outfall and information on sites in the basin to see if we can draw any correlations between the upland activities and the stormwater data.

Recontamination Evaluation: See if there is an AOPC where we can begin testing our methodology for evaluating recontamination risk. By starting now, we should have several years to hone our techniques and increase confidence in the methodology.

Pre vs. Post Source Control Data: While we discussed a number of ways pre-source control data could be useful, we didn't come up with any justification for collecting it as a standard practice. Rather, as we look at collecting loading data from stormwater sites, we will consider whether it would be useful based upon the particulars of that site. That is, if it is still possible to collect it.

Data Collection Needs for 2006-2007: Do any of the items listed above require data that we should be collecting this fall/winter? Are there any other data needs that we should be thinking about?

Next Steps: In preparation for meeting with the LWG (probably late August), Karen will develop a document that summarizes the approach that our group has been discussing. It will include the Administrative Framework, our rationale for collecting/using stormwater data for assessing in-river recontamination risk, and a flow chart/timeline that shows how we will proceed with this work in coordination with other RI/FS efforts.

We will meet again in a month (7/27) to review the document and provide additional direction. We'll also talk about progress that has been made on the items listed above.